

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11	(("6435059") or ("6339974") or ("6332376") or ("6301996") or ("0438082") or ("5894764") or ("4465115") or ("4193433") or ("5988020") or ("4561635") or ("6283449")).PN.	USPAT	OR	OFF	2006/10/15 16:46
S2	32	("0974021"   "0988402"   "2566517"   "2776689"   "3721282"   "3793656"   "3942567"   "4023221"   "4091871"   "4139930"   "4465115"   "4876928"   "5024437"   "5028049"   "5088174"   "5094383"   "5141353"   "5255575"   "5359911"   "5499984"   "5657541"   "5766091"   "5817962"   "5863268"   "5864955"   "5879243"   "5897407"   "5906550").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 14:54
S3	3	("988402").URPN.	USPAT	OR	OFF	2006/10/15 14:57
S4	0	("6435059").URPN.	USPAT	OR	OFF	2006/10/15 14:58
S5	8	("0611973"   "1110188"   "2597816"   "4448230"   "4465115").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 14:58
S6	3	("6339974").URPN.	USPAT	OR	OFF	2006/10/15 14:59
S7	17	("1340401"   "1425369"   "1695339"   "2542603"   "2722251"   "2957676"   "2983297"   "4336832"   "5159858"   "6339974").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 14:59
S8	1	("6598858").URPN.	USPAT	OR	OFF	2006/10/15 15:01
S9	5	("0960193"   "2330092"   "4776568").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 15:03
S10	0	("6283449").URPN.	USPAT	OR	OFF	2006/10/15 15:03
S11	0	("6283449").URPN.	USPAT	OR	OFF	2006/10/15 15:04
S12	9	("0299717"   "0450011"   "2597876"   "3987828"   "4273172"   "4465115").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 15:04
S13	5	("5988020").URPN.	USPAT	OR	OFF	2006/10/15 15:05

## EAST Search History

S14	47	("0082621"   "0115008"   "0116553"   "0299213"   "0303208"   "0308007"   "0450011"   "0509399"   "0745973"   "0937987"   "0976679"   "1137663"   "1209583"   "1258053"   "1664594"   "2597876"   "3543821"   "3788373"   "3987828"   "4193433"   "4270587"   "4273172"   "4367778"   "4448230"   "4465115"   "4658679"   "4667747"   "4718313"   "5000064"   "5213023"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 15:06
S15	0	("5894764").URPN.	USPAT	OR	OFF	2006/10/15 15:08
S16	24	("0083897"   "0418539"   "0509399"   "0569161"   "0745973"   "0759558"   "0937987"   "1477833"   "1742032"   "2597876"   "3543821"   "3987828"   "4273172").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 15:08
S17	1	("83897").URPN.	USPAT	OR	OFF	2006/10/15 15:31
S18	15	("0569161"   "0589178"   "1960390"   "2652082"   "2871480"   "3763906"   "4273172"   "4465115"   "6332376"   "6339974").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 15:33
S19	14	("0886987"   "0976679"   "2983297"   "3211198"   "3763906"   "3769644"   "3774252"   "4139930"   "4291736"   "5119699").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 15:34
S20	10	("0418539"   "1419567"   "1702689"   "1742032"   "3302233").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 15:34
S21	12	("3763906").URPN.	USPAT	OR	OFF	2006/10/15 15:35
S22	2	("6332376").URPN.	USPAT	OR	OFF	2006/10/15 15:37
S23	3	("2871480").URPN.	USPAT	OR	OFF	2006/10/15 15:38
S24	2	("2652082").URPN.	USPAT	OR	OFF	2006/10/15 15:38
S25	22	("0193967"   "0638341"   "0704006"   "0825560"   "1411567"   "2227455"   "2542603"   "2599651"   "2652082"   "2722251"   "4798107"   "4843925"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 15:38
S26	6	("5159858").URPN.	USPAT	OR	OFF	2006/10/15 15:41
S27	12	("1029934"   "2722251"   "4270587"   "4798107"   "4843925"   "5159858"   "D299213"   "D319567"   "D330837"   "D331689").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 15:42
S28	0	("D375240").URPN.	USPAT	OR	OFF	2006/10/15 15:43
S29	3	("569161").URPN.	USPAT	OR	OFF	2006/10/15 15:46
S30	200	81/23	USPAT	OR	OFF	2006/10/15 15:47

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S31	10	("2067751"   "3211198"   "3874433"   "4109339"   "4753137"   "5425176"   "5758552"   "D416462").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 15:47
S32	0	("7096761").URPN.	USPAT	OR	OFF	2006/10/15 15:48
S33	9	("0029760"   "1127838"   "2671483"   "3392767"   "3707894").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 16:00
S34	10	("5178048").URPN.	USPAT	OR	OFF	2006/10/15 16:01
S35	49	254/26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/15 16:49
S36	469	81/20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/15 16:55
S37	151	81/24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/15 16:59
S38	169	81/900	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/15 17:01
S39	63	30/308	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/15 17:02
S40	156	7/144	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/15 17:02
S41	14	("0886987"   "0976679"   "2983297"   "3211198"   "3763906"   "3769644"   "3774252"   "4139930"   "4291736"   "5119699").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/15 17:06
S42	2	("6332376").URPN.	USPAT	OR	OFF	2006/10/15 17:07
S43	2	"6571666"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/15 17:14
S44	5	"6332376"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/15 17:14

## EAST Search History

S45	7	santa-ana-roland-c.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/15 18:02
S46	7	santa-ana-roland-c.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/15 18:02
S47	15	("0569161"   "0589178"   "1960390"   "2652082"   "2871480"   "3763906"   "4273172"   "4465115"   "6332376"   "6339974").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 08:35
S48	3	("6332376").URPN.	USPAT	OR	OFF	2007/03/26 08:40
S49	1	("6571666").URPN.	USPAT	OR	OFF	2007/03/26 08:41
S50	14	("0886987"   "0976679"   "2983297"   "3211198"   "3763906"   "3769644"   "3774252"   "4139930"   "4291736"   "5119699").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 08:42
S51	10	("2983297").URPN.	USPAT	OR	OFF	2007/03/26 08:43
S52	17	("1340401"   "1425369"   "1695339"   "2542603"   "2722251"   "2957676"   "2983297"   "4336832"   "5159858"   "6339974").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 08:44
S53	1	("6598858").URPN.	USPAT	OR	OFF	2007/03/26 08:48
S54	3	("2871480").URPN.	USPAT	OR	OFF	2007/03/26 08:50
S55	2	("1960390").URPN.	USPAT	OR	OFF	2007/03/26 08:52
S56	51	("0115008"   "0148240"   "0439711"   "0441879"   "0745973"   "0955524"   "0991536"   "1237126"   "1258053"   "1365778"   "1621761"   "1664594"   "1922890"   "1960390"   "2482909"   "2542603"   "2597876"   "2671483"   "3543821"   "3763906"   "3788373"   "4041558"   "4216808"   "4273172"   "4332046"   "4475756"   "4581782"   "4718313"   "4831901"   "D267469"   "D275261"   "D308007").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 08:53
S57	10	("2671483").URPN.	USPAT	OR	OFF	2007/03/26 09:13
S58	18	("D353758").URPN.	USPAT	OR	OFF	2007/03/26 09:16
S59	5	("5768956"   "5860334"   "5988019"   "6131488"   "D353758").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 09:21
S60	2	("4773286"   "5211085").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 09:23

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S61	9	("0392515"   "1365778"   "3125143"   "4193433"   "D308007"   "D353758").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 09:25
S62	9	("0392515"   "1365778"   "3125143"   "4193433"   "D308007"   "D353758").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 09:25
S63	1	("D373060").URPN.	USPAT	OR	OFF	2007/03/26 09:26
S64	0	("D537940").URPN.	USPAT	OR	OFF	2007/03/26 09:26
S65	11	("20030028197"   "20050240197"   "3585994"   "4476861"   "4924056"   "5013314"   "5122146"   "5913860"   "6592590"   "D353758"   "D373060").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 09:26
S66	7	("5988020"   "D275261"   "D308007"   "D353758"   "D398505"   "D438082"   "D474667").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 09:27
S67	12	("0745973"   "0976679"   "1664594"   "2597876"   "3640324"   "4273172"   "4465115"   "4561635").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 09:28
S68	5	("D308007").URPN.	USPAT	OR	OFF	2007/03/26 09:29
S69	12	("D237582"   "D340177"   "D353758"   "D398505"   "D420881"   "D425772"   "D426128"   "D429985"   "D432380"   "D438082"   "D449770").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 09:31
S70	12	("5213023"   "5768956"   "5802933"   "D185948"   "D201538"   "D288406"   "D325863"   "D353758"   "D398505"   "D416462").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 09:33
S71	8	("D432380").URPN.	USPAT	OR	OFF	2007/03/26 09:35
S72	11	("3320985"   "4723582"   "6536308"   "D365739"   "D429985"   "D432380"   "D438082"   "D460337"   "D474667"   "D505609").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 09:35
S73	15	("1428838"   "2227455"   "2528128"   "2831202"   "3208724"   "3578825"   "4291736"   "4723582"   "5062324"   "D283392").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 09:47
S74	13	("3208724").URPN.	USPAT	OR	OFF	2007/03/26 11:25
S75	11	("3320985"   "4723582"   "6536308"   "D365739"   "D429985"   "D432380"   "D438082"   "D460337"   "D474667"   "D505609").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 11:34
S76	0	("D534409").URPN.	USPAT	OR	OFF	2007/03/26 11:35
S77	10	("D325863"   "D353758"   "D432380"   "D449770"   "D452126"   "D468181"   "D470380"   "D478264"   "D478265"   "D478266").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 11:36

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S78	10	("5802933"   "D322021"   "D325863"   "D353758"   "D431987"   "D432380"   "D438082"   "D449770"   "D452126"   "D455626").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 11:49
S79	10	("5802933"   "D322021"   "D325863"   "D353758"   "D431987"   "D432380"   "D438082"   "D449770"   "D452126"   "D455626").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:04
S80	51	("0115008"   "0148240"   "0439711"   "0441879"   "0745973"   "0955524"   "0991536"   "1237126"   "1258053"   "1365778"   "1621761"   "1664594"   "1922890"   "1960390"   "2482909"   "2542603"   "2597876"   "2671483"   "3543821"   "3763906"   "3788373"   "4041558"   "4216808"   "4273172"   "4332046"   "4475756"   "4581782"   "4718313"   "4831901"   "D267469"   "D275261"   "D308007").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:05
S81	2	("955524").URPN.	USPAT	OR	OFF	2007/03/26 12:29
S82	38	("0115008"   "0193967"   "0365255"   "0587623"   "0698631"   "0704006"   "0729890"   "0869835"   "0955524"   "0959056"   "1247683"   "1411567"   "2227455"   "2542603"   "2574304"   "2599651"   "2722251"   "4270587"   "4482132"   "D229213").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:30
S83	3	("D319567").URPN.	USPAT	OR	OFF	2007/03/26 12:32
S84	9	("0029760"   "1127838"   "2671483"   "3392767"   "3707894").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:37
S85	10	("5178048").URPN.	USPAT	OR	OFF	2007/03/26 12:38
S86	10	("5178048").URPN.	USPAT	OR	OFF	2007/03/26 12:41
S87	1	("1237126").URPN.	USPAT	OR	OFF	2007/03/26 12:48
S88	176	81/25	USPAT	OR	OFF	2007/03/26 12:48
S89	46	("1133124"   "1381683"   "1387582"   "1807347"   "20020049414"   "20020095122"   "20030032922"   "20040194272"   "2620190"   "2706103"   "3314286"   "3457921"   "3629883"   "4043020"   "4103893"   "4150469"   "4174837"   "4182327"   "4584983"   "4684366"   "4735612"   "5068954"   "5141205"   "5205193"   "5255575"   "5381976"   "5437641"   "5495630"   "5526719"   "5566924"   "5603506"   "5682660"   "5797927"   "5797954"   "5836842"   "5897563"   "6767003"   "6869374").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 12:49

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S90	2	("1387582").URPN.	USPAT	OR	OFF	2007/03/26 12:50
S91	10	("0724542"   "1535685"   "2491129"   "D030786"   "D269061"   "D327406").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 13:09
S92	4	("D381250").URPN.	USPAT	OR	OFF	2007/03/26 13:09
S93	13	("1643861"   "4208148"   "4352381"   "4357974"   "4433709"   "D033247"   "D257826"   "D283976"   "D300001"   "D300111"   "D301679").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 13:13
S94	0	("D033247").URPN.	USPAT	OR	OFF	2007/03/26 13:14
S95	0	("D033247").URPN.	USPAT	OR	OFF	2007/03/26 13:14
S96	5	("D340177").URPN.	USPAT	OR	OFF	2007/03/26 13:19
S98	288	d8/76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 13:34
S99	218	d8/78	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 13:34
S100	1	("83897").URPN.	USPAT	OR	OFF	2007/03/26 14:20
S101	134	7/146	USPAT	OR	OFF	2007/03/26 14:23
S102	181	279/43	USPAT	OR	OFF	2007/03/26 14:23